

CD-2

CD.10

3888

MEMORANDUM

TO: FILE

DATE 12/10/87

FROM: C. YOUNG

SUBJECT:

SITE NAME: COLONIAL URANIUM COMPANY ALTERNATE NAME:

CITY: Grand Junction STATE: CO

OWNER(S)

Past: COLONIAL URANIUM Co. Current: Owner contacted ☐ yes ☒ no; if yes, date contacted

TYPE OF OPERATION

☐ Research & Development☐ Facility Type☐ Production scale testing☐ Manufacturing☐ Pilot Scale☐ University☐ Bench Scale Process☐ Research Organization☐ Theoretical Studies☐ Government Sponsored Facility☐ Sample & Analysis☐ Other☐ Production☐ Disposal/StorageSEE SUMMARY

TYPE OF CONTRACT

☐ Prime☐ Subcontractor☐ Purchase Order☐ Other information (i.e., cost + fixed fee, unit price, time & material, etc)

Contract/Purchase Order #

CONTRACTING PERIOD: 1957

OWNERSHIP:

AEC/MED
OWNEDAEC/MED
LEASEDGOVT
OWNEDGOVT
LEASEDCONTRACTOR
OWNEDCONTRACTOR
LEASEDLANDS ☐
BUILDINGS ☐
EQUIPMENT ☐
ORE OR RAW MATL ☐
FINAL PRODUCT ☐
WASTE & RESIDUE ☐☐
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AEC/MED INVOLVEMENT AT SITE

Control

- ☐ AEC/MED managed operations
- ☐ AEC/MED responsible for accountability
- ☐ AEC/MED overviewed operations
- ☐ Contractor had total control
- ☐ unknown

☐ Health Physics Protection

- ☐ Little or None
- ☐ AEC/MED responsibility
- ☐ Contractor responsibility

MATERIALS HANDLED:

Type (on basis of records reviewed)

- ☐ No Radioactive
- ☐ Natural Radioactive from Feed Materials Production
 - ☐ Ore
 - ☐ Refined Source Material
 - ☐ Residue
- ☐ Natural Radioactive Material from Non-Nuclear Activities
- ☐ Man-Made
- ☒ Other Thorium (thorite concentrate)

Comment _____

Quantities (on the basis of records reviewed)

- ☐ None
- ☐ Production Quantities
- ☒ Small Amounts

Comment 100 pound of thorite concentrate is the only known possible source mentioned with AEC (1954)

OTHER PERTINENT FACTS:

- ☐ Facility was Licensed

SEE SUMMARY

- ☐ During AEC/MED-Related Operations
- ☐ For Similar Activities
- ☐ For Other Activities

Comment _____

- ☐ Commercial Production Involving Radioactive Material during AEC/MED Operations

- ☐ Facility was Decontaminated and Released

- ☐ Availability of Close Out Records

☐ None

☐ Some

☐ Sufficient

- ☐ Radioactive Status:

	YES	MAYBE	PROBABLY NOT	NOT
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Contaminated Potential for Exposure (accessible)	---	---	---	---
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QUANTITY OF RECORDS AVAILABLE:

☒ Very Little

☐ Some

☐ Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS:

☒ Low

☐ Possible

☐ High

RECOMMENDATIONS:

☒ Eliminate

☐ Consider for Remedial Action

☐ Collect More Data

Comment Information available does not justify or provide authority for
further consideration under FUSRAP.

REFERENCES: ATTACHED LISTING

SUMMARY

The only document discovered indicates Colonial agreed
to provide Thorne cigarette (100 pounds) to AEC for testing as
one of several possible sources of this material. Relationship between
AEC & Colonial appear to have been buyer/seller. AEC being
the customer with no apparent involvement in Colonial operations.
Therefore, no authority for further consideration of this case under
FUSRAP.

COLONIAL URANIUM CO.

FILE#	DATE	FROM	TO	SUBJECT	SITES	REC. #
CO.10	11/24/54	FAULKNER, R.	SAPIRIE, S.	THORITE CONCENTRATE SAMPLES	COLONIAL URANIUM CO., GRAND JUNCTION, GUNNISON	3090

60.10

Box 6
File 2*Office Memorandum* • UNITED STATES GOVERNMENT

TO : S. R. Sapirie, Manager
Oak Ridge Operations Office

DATE: November 24, 1954

FROM : R. L. Faulkner, Acting Director
Division of Raw Materials

SUBJECT: TESTING OF SAMPLE OF THORITE CONCENTRATE

Symbol: RM:CWT

We have received several inquiries recently from mine owners and operators in the western states, principally Colorado, who are potential producers of thorite concentrates. Upon the basis of preliminary data presently available there is a possibility that significant quantities of thorium may become available from this source at reasonable prices.

In connection with our discussions with these potential suppliers it would be helpful to have information concerning the processing which would be required to convert thorite concentrates into acceptable thorium compounds. Also, the economics of such processing would have an important bearing on price negotiations if a decision were reached to purchase the material.

what
processing?
what are
costs?

Pursuant to our request the Colonial Uranium Company, Grand Junction, Colorado has agreed to make available to us for testing a 100 pound sample of thorite concentrate produced from its property located in Gunnison County, Colorado. ||

If agreeable to you will you kindly advise where this sample should be shipped for testing to determine whether it can be successfully converted to an acceptable product.

where
to
send
sample